

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:

Takuya HIRAMATSU et al.

Serial Number: 09/524,575

Filed: March 13, 2000

For: SYSTEM FOR EXHAUST GAS PURIFICATION



Group Art Unit: 1764

Examiner: Unknown

INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. 1.97(b)

Assistant Commissioner  
for Patents  
Washington, D.C. 20231

28  
July 26, 2000 *RK* 7/28/00

Sir:

The attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached Form PTO-1449. One copy of each document is attached.

No fee or certification is required in connection with this Information Disclosure Statement, since it is being submitted prior to the last of (1) issuance of a first official action on the merits and (2) expiration of the three month period following filing of the above-captioned application.

These documents are of record in parent application Serial No.

CONTINUATION APPLICATION OF S.N. 09/524,575  
INFORMATION DISCLOSURE STATEMENT

**PATENT**

08/726,468, filed October 4, 1996.

Documents FE to FG were cited in the Information Disclosure Statement filed on December 12, 1996. A copy of the Information Disclosure Statement dated December 12, 1996, and an initialed PTO-1449 are enclosed.

Documents UA, FA to FD and DA were cited in the Information Disclosure Statement filed on April 18, 1997. A copy of the Information Disclosure Statement dated April 18, 1997, and an initialed PTO-1449 are enclosed.

Document UB was cited in the Office Action dated August 10, 1997. A copy of Notice of References Cited (PTO-892, Paper No. 7) is enclosed.

The concise explanation of the relevance of documents FE to FG required under 37 C.F.R. §1.98 is believed to be satisfied by the brief explanation of documents on page 1, line 21 to page 2, line 14 of the specification. No explanation of the relevance of documents UA to UB and FA to FD and DA is believed to be required under 37 C.F.R. §1.98 because all these documents are in the English language.

CONTINUATION APPLICATION OF S.N. 09/524,575  
INFORMATION DISCLOSURE STATEMENT

**PATENT**

The Commissioner is authorized to charge our Deposit Account No. 111833 for any fee which is deemed by the Patent and Trademark Office to be required to effect consideration of this statement.

Respectfully submitted,

KUBOVCIK & KUBOVCIK



Keiko Tanaka Kubovcik  
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Attachments: 10 Documents  
Copy of IDS filed December 12, 1996, and initialed PTO-1449  
Copy of IDS filed April 18, 1997, and initialed PTO-1449  
Copy of PTO-892, Paper No. 7

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Takuya HIRAMATSU et al.

Serial Number: 08/726,468

Filed: October 4, 1996

For: SYSTEM FOR EXHAUST GAS PURIFICATION



COPY

INFORMATION DISCLOSURE STATEMENT  
PURSUANT TO 37 CFR 1.97(b)

Assistant Commissioner  
for Patents  
Washington, D.C. 20231

December 12, 1996

Sir:

The attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached Form PTO-1449. One copy of each document is attached.

No fee or certification is required in connection with this Information Disclosure Statement, since it is being submitted prior to the last of (1) issuance of a first official action on the merits and (2) expiration of the three month period following filing of the above-captioned application.

The concise explanation of the relevance of the documents required under 37 CFR 1.98 is believed to be satisfied by the brief explanation of these documents at page 1, line 21 to page 2, line 14 of the specification.

The Commissioner is authorized to charge our Deposit Account No. 01-0305 for any fee which is deemed by the Patent and Trademark Office to be required to effect consideration of this statement.

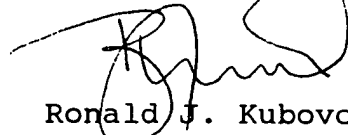
U.S. Patent Appln. S.N. 08/726,468  
INFORMATION DISCLOSURE STATEMENT

**PATENT**

Two copies of this authorization are attached.

Respectfully submitted,

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RJK/pw  
Attachments: PTO-1449; 3 Documents



12/12/96

COPY

INFORMATION DISCLOSURE CITATION  PTO-1449  	Atty Docket No.	Serial No.
	SEI-103	08/726,468
	Applicant	
	Takuya HIRAMATSU et al.	
	Filing Date	Group
	October 4, 1996	1312

## U.S. PATENT DOCUMENTS

Examiner initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
_____	AA						
_____	AB						
_____	AC						
_____	AD						
_____	AE						
_____	AF						
_____	AG						
_____	AH						

## FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Translation
<u>my</u>	AI	2-75327 A	03/15/90	Japan	<u>Yes/No/Partial</u> No
<u>my</u>	AJ	4-293519 A	10/19/92	Japan	No
<u>na</u>	AK	5-31359 A	02/09/93	Japan	No
_____	AL				
_____	AM				

## OTHER DOCUMENTS

_____	AN	
_____		
_____	AO	
_____		
_____	AP	

Examiner	Ken Tan	Date Considered	7/5/97
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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Takuya HARIMATSU et al.

Serial No.: 08/726,468

Filed: October 4, 1996

For: SYSTEM FOR EXHAUST GAS PURIFICATION



Group Art Unit: 1305

COPY

INFORMATION DISCLOSURE STATEMENT  
PURSUANT TO 37 CFR 1.97(b)

Assistant Commissioner  
for Patents  
Washington, D.C. 20231

April 18, 1997

Sir:

The attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached Form PTO-1449. These documents were cited in a search report for a corresponding European patent application. One copy of each document and a copy of the search report is attached.

No fee or certification is required in connection with this Information Disclosure Statement, since it is being submitted prior to the last of (1) issuance of a first official action on the merits and (2) expiration of the three month period following filing of the above-captioned application.

No explanation of the relevance of each document is believed

to be required because all documents are in the English language. However, the undersigned hereby certifies that each item of information contained in this statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement

The Commissioner is authorized to charge our Deposit Account No. 11-1833 for any fee which is deemed by the Patent and Trademark Office to be required to effect consideration of this statement. Two copies of this authorization are attached.

Respectfully submitted,

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Attachments: PTO-1449; 6 Documents; European Search Report



## INFORMATION DISCLOSURE STATEMENT

PTO-1449

Atty. Docket No.  
SEI-103Serial No.  
08/726,468Applicant:  
Takuya HIRAMATSU et al.Filing Date:  
October 4, 1996Group:  
1305 1312

## U.S. PATENT DOCUMENTS

Examiner Initial		Document No	Date	Name	Class	Sub Class	Filing Date If appropriate
m	AA	5,407,880	04/18/95	Ikeda et al.	502	67	GROUP 130
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						

## FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No	Date	Country	Translation Yes/No/Partial
m	AH	0 602 963 A1	06/22/94	EP	
	AI	0 661 098 A2	07/05/95	EP	
	AJ	94/11623	05/26/94	WO	
m	AK	0593 898 A1	04/27/94	EP	
	AL				
	AM				
	AN				

## OTHER DOCUMENTS

Examiner Initial		
m	AO	Derwent Publications Ltd., London, GB; Class E19, AN 95-211814 XP002022684 & JP 07 124 468 (Nissan Motor Co Ltd.), 16 May 1995
	AP	
	AQ	
Examiner: Hun Tran		Date Considered: 7/5/97

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TO SEPARATE, HOLD TOP AND BOTTOM EDGES, SNAP-APART AND DISCARD CARBON

FORM PTO-892 (REV. 2-92)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		SERIAL NO. 081726,468	GROUP/ART UNIT 1312	ATTACHMENT TO PAGE NO. 7			
NOTICE OF REFERENCES CITED				APPLICANT(S) Hiramatsu et al					
U.S. PATENT DOCUMENTS									
*		DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE		
A		5442694	09/95	Swaroop et al	422	177			
B									
C									
D									
E									
F									
G									
H									
I									
J									
K									
FOREIGN PATENT DOCUMENTS									
*		DOCUMENT NO.	DATE	COUNTRY	NAME	CLASS	SUB-CLASS	PERTINENT SHTS. DWG.	PP. SPEC.
L									
M									
N									
O									
P									
Q									
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)									
R									
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EXAMINER H. H. H. H.		DATE 7/7/97		RECEIVED JUL 31 2000 TO 1700 MAIL ROOM					
* A copy of this reference is not being furnished with this office action. (See Manual of Patent Examining Procedure, section 707.05 (a).)									

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